

FIG. 1

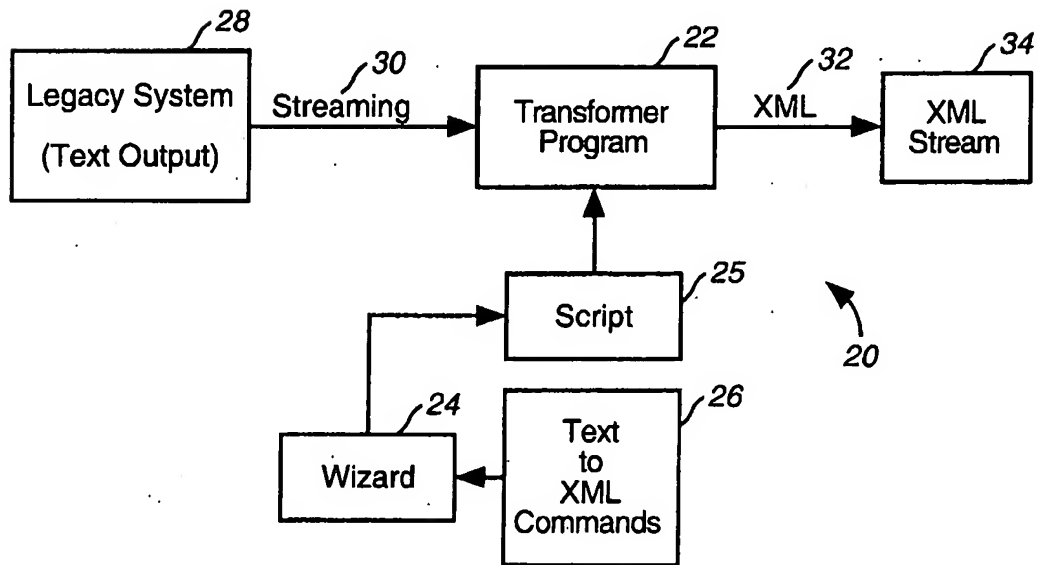


FIG. 2

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first-name, last-name, street, city, state, zip, category, phone
Patty, Murphy, 4 Main St., Nashua, NH, 03063, customer, 603.555.1234
Nancy, Buxton, 148 Alene Lane, Dallas, TX, 75240, partner, 800.555.1221
Donald, Brown, 26 Lake Rd., Buffalo, NY, 14216, customer, 418.555.9873

FIG. 3

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```
<?xml version="1.0"?>
<addresses>
  <address name="Murphy">
    <name>Patty Murphy</name>
    <street>4 Main St.</street>
    <city>Nashua</city>
    <state>NH</state>
    <zip>03063</zip>
  </address>
  <address name="Brown">
    <name>Donald Brown</name>
    <street>26 Lake Rd.</street>
    <city>Buffalo</city>
    <state>NY</state>
    <zip>14216</zip>
  </address>
</addresses>
```

FIG. 4

```

46— <?xml version="1.0"?>
48— <tx:transform xmlns:tx="http://www.xaware.com/2003/01/text-to-xml"
    version="1.0">
    <!-- initialize and set the document element -->
50— <tx:template match="BEGIN">
51—   <tx:variable name="FS" value="","/>
    <addresses>
    <tx:continue/> — 52
    </addresses>
    </tx:template>
    <!-- skip the first record because it is just a header -->
54— <tx:template match="NR = 1">
56—   <tx:next/>
    </tx:template>
    <!-- add address for category customers -->
58— <tx:template match="F[7] = 'customers'">
62—   <address name="{F[2]}">
64—     <name>
66—       <tx:value-of expr="F[1]"/><tx:text> </tx:text>
60—       <tx:value-of expr="F[2]"/>
70—     </name>
72—     <street><tx:value-of expr="F[3]"/></street>
    <city><tx:value-of expr="F[4]"/></city>
    <state><tx:value-of expr="F[5]"/></state>
    <xip><tx:value-of expr="F[6]"/></zip>
    </address>
  </tx:template>
</tx:transform>

```

FIG. 5

```

[App Settings]
window=maximized
advanced mode=true
install=C:\someapp

```

```

[Tool Settings]
tool1 driver = lib\somedll.dll /s=46 /t="fast"

```

FIG. 6

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```

<?xml version="1.0" encoding="UTF-8"?>
<settings>
  <section name="App Settings">
    <param name="window">maximized</param>
    <param name="advanced mode">true</param>
    <param name="install">C:\someapp</param>
  </section>
  <section name="Tool Settings">
    <param name="tool1 driver">lib\somedll.dll /s=46
  </section>
</settings>

```

FIG. 7

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86 <?xml version="1.0"?>
    <tx:transform version="1.0"
88 xmlns:tx="http://www.telegea.com/2003/01/text-to-xml">
      <!-- initialize and set the document element -->
90 <tx:template match="BEGIN">
        <settings>
92 <tx:continue/>
        </settings>
      </tx:template>
      <!-- look for sections -->
94 <tx:template match="/^s*[[^\]]*\]\s*$/" mode="inSection">
96 <tx:variable name="MODE" value=" ' ' "/>
106 <tx:go-up/>
108 <tx:continue/>
      </tx:template>
      <tx:template match="/^s*[[^\]]*\]\s*$/">
        <tx:variable name="MODE" value="inSection"/>
100 <section name="GROUP[1]">
98 <tx:next/>
        </section>
      </tx:template>
      <!-- look for parameters -->
      <tx:template match="/^s*([^\=]*)\s*=(.*)$/">
102 <param name="{GROUP[1]}">
104 <tx:value of expr="GROUP[2]"/>
        </param>
      </tx:template>
    </tx:transform>

```

FIG. 8